

In supplementation of the Preliminary Amendment filed on December 21, 2001, please amend the application as follows:

In the Claims

Please amend claims 74, 85-87, 89, 90, 92-95 and 105 as follows:

C1

74. (Twice Amended) A method according to Claim 73, for the oxidation of nitrogen oxides (NO_x).

85. (Twice Amended) A cementitious, stone, or marble product according to Claim 79, wherein the titanium dioxide is prevalently in the form of anatase.

C2

86. (Twice Amended) A cementitious, stone, or marble product according to Claim 85, wherein at least 75% of titanium dioxide is in the form of anatase.

87. (Twice Amended) A cementitious, stone, or marble product according to Claim 79, wherein the titanium-dioxide precursor is a product able to produce titanium dioxide prevalently in the form of anatase.

C3

89. (Twice Amended) A cementitious, stone, or marble product according to Claim 87, wherein the titanium-dioxide precursor is chosen from the group comprising TiCl₄, TiOSO₄, and titanium alkoxide.

C3 90. (Twice Amended) A cementitious, stone, or marble product according to Claim 79, wherein a preparation of titanium dioxide or one of its precursors has the function of oxidant for polluting substances chosen from the group comprising organic substances present in the environment as a result of motor-vehicle exhaust or industrial emissions, and inorganic compounds.

92. (Twice Amended) A cementitious, stone, or marble product according to Claim 79, wherein the titanium dioxide in colloidal form is prepared using sol-gel techniques so as to obtain particles having a size of between 10 and 200 Å.

93. (Twice Amended) A cementitious, stone, or marble product according to Claim 92, wherein the particles of titanium dioxide have a size of between 50 and 100 Å.

C 94. (Twice Amended) A cementitious, stone, or marble product according to Claim 79, wherein an aqueous suspension of the colloidal preparation of titanium dioxide or one of its precursors is applied on the product in small successive amounts until the desired thickness is reached.

95. (Twice Amended) A cementitious, stone or marble product according to Claim 79, wherein the colloidal suspension of titanium dioxide or one of its precursors is vacuum-dried so as to obtain a powder which can be re-suspended in water, maintaining its colloidal properties.